. *Palwal Thermal Power Project* (4X250 *MW)*

The project has been identified for private sector participation. Other clearances are being obtained. Financial arrangements are yet to be worked out.

4. *Hissar Thermal Power Project* (4X250 *MW)*

The project provides 2 units (250 MW each) in Stage I and additional 2 units of 250 MW under second stage. All clearances have been received except Techno-economic approval. Government of Haryana has accorded approval fot advertising the Project in private sector on global basis. Action is being taken to engage consultants.

5. *Dadiipin Mini Hydel Project* (4X1 ■ 5 *MW)*

The project is estimated to cost around Rs. 27 crore and will be located at Dadupur near Yamuna-nagar on Western Yamuna Canal. State Government has approved execution of the Project in private sector. The project was advertised in November, 1993 and proposals received have been short-listed to six firms who have submitted their technical and financial proposals.

In addition to the above projects in state sector, a 400 MW gas based combined cycle power-project at Faridabad under NTPC has been techno-economically cleared by CEA. The investment decision of the scheme is however awaited.

Power Shortages

1034. SHRI ISH DUTT YADAV : Will the Minister of POWER be pleased to state :

(a) whether it is a fact tha* substantial shortage in the capacity addition in power is anticipated by the end of the Eighth Plan period;

(b) if so, the estimated shortage in the capacity addition in power as against the projection stating the reasons therefor:

(c) what is the anticipated gap in the demand and upply of power at the end of the Eighth Plan as a result thereof; and

(d) the steps contemplated by Government to achieve the projects target to the maximum ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P.V. RANGAYYA NA1DU): (a) and (b) The capacity addition target fixed for 8th Plan is 30537.7 MW, against which about 20,000 MW of new generarion capacity may be added during the plan period. In addition to fund constraints, the other main reasons for shortfall are delay in land acquisition, law and problems and the requirement of strict compliance with environmental regulations etc.

(c) Based on the new capacity addition of about 20,000 MW, the anticipated power shortage in the terminal year of the 8th Five Year Plan (1996-97) would be around 14%.

(d) Step's being taken to achieve the target include, inter-alia, (i) expedition commissioning of new aiting capacity, (ii) implementation of short gestation projects, (iii) improving the performance of existing power sta ions, (iv) reduction of Transmission and Distribution losses, (v) implementation o better demand management and energy conservation measures, (vi) arranging transfer of energy from surplus to deficit areas and (vii) promotion of private sector investment in the Power Sector.